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Date: 12/16/2005 2:48 PM **Pages (including cover page):** 6
To: USPTO, Examiner Verdier **Fax:** 571-273-8300
From: Coe F. Miles (Customer No.: 29855) **Client/Matter #:** 278-0002US
Serial No.: 10/730,611 **Filing Date:** December 8, 2003
Re: Reply to Office Action Dated 16 November 2005

Please find attached the following:

1. Transmittal Letter (1 page); and
2. Reply to Office Action (4 pages).

If there is a problem with this transmission, please call (832) 446-2418.

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PTO/SB/21 (09-04)

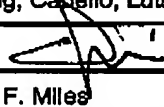
Approved for use through 07/31/2008. OMB 0661-0031

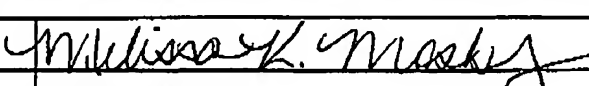
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/730,611
	Filing Date	December 8, 2003
	First Named Inventor	Gary Sewell
	Art Unit	3745
	Examiner Name	Christopher Verdier
	Attorney Docket Number	278-0002US
Total Number of Pages in This Submission	6	

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
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<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Fax Cover Sheet.
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<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Wong, Cabello, Lutsch, Rutherford & Bruccoleri, LLP		
Signature			
Printed name	Coe F. Miles		
Date	December 16, 2005	Reg. No.	38,559

CERTIFICATE OF TRANSMISSION/MAILING		
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:		
Signature		
Typed or printed name	Melissa K. Mosby	Date 12/16/05

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Title : Multi-Modal Forced Vortex Device

Inventors : Gary Sewell

Serial No : 10/730,611

Filed : 8 Dec 2003

Docket : 278-0002US

Customer : 29855

§ Examiner : Christopher Verdier

§ Phone : 571-272-4824

§ Art Unit : 3745

DEC 16 2005

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF TRANSMISSION (37 C.F.R. 1.8)

This paper is being transmitted to the Commissioner for Patents, Mail Stop Amendment, P.O. Box 1450, Alexandria, VA 22313-1450 via Facsimile. This paper is being transmitted to (571) 273-8300 on 16 December 2005.


Melissa K. Mosby**REPLY TO OFFICE ACTION DATED 16 NOVEMBER 2005**

This paper is intended to be a complete response to the above-identified Office Action. It is believed no fee is due. If fees are required, however, the Commissioner is authorized to deduct the necessary charges from Deposit Account 501922/278-0002US.

No claims have been added, cancelled or amended in this Reply. Accordingly, claims 1-34 are currently pending in the instant patent application.

Restriction Requirement

The Examiner alleges that the pending claims are directed to multiple inventions in accordance with 35 U.S.C. 121. Specifically, the Examiner alleges that the pending claims are directed to the following patentably distinct species of inventions:

- I. Figures 1-2 and 4-5.
- II. Figure 3.
- III. The embodiment where the vehicle is an automobile (not described in the specification, recited in claim 30).